

PATENT

Docket No. 5634.223



Inventors 1996 John C. Harvey and James W. Cusihy

Serial No.: 08/460,817

Filing Date: June 2, 1995

For: Signal Processing Apparatus and Methods

Group Art Unit: 2602

Examiner:

#4
Rilloger
4-27-96

Assistant Commissioner of Patents
Washington D.C. 20231

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INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56(a) and in conformance with the procedures of 37 C.F.R. §§ 1.97-98 and M.P.E.P. § 609, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached Form PTO-1449.

The above-referenced application claims priority under 35 U.S.C. § 120 of the following applications:

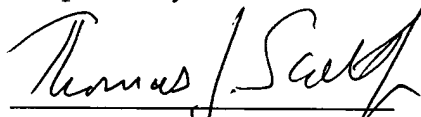
| <u>Serial No.</u> | <u>Filing Date</u> | <u>Patent No.</u> |
|-------------------|--------------------|-------------------|
| 08/113,329 | August 30, 1993 | Pending |
| 08/056,501 | May 3, 1993 | 5,335,277 |
| 07/849,226 | March 10, 1992 | 5,233,654 |
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| 07/096,096 | September 11, 1987 | 4,965,825 |
| 06/829,531 | February 14, 1986 | 4,704,725 |

Applicants believe that all references cited on the attached PTO 1449 form were cited by or submitted to the PTO in one or more of the priority applications. Therefore, no copies of the listed references are provided herewith. It is respectfully requested that the information above be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

CERTIFICATION AND/OR FEE

Since this IDS is being filed pursuant to 37 C.F.R. § 1.97(b) before the later of three months after the filing date of the above-referenced application or the date of receipt of the first Office action on the merits, no certification or fee is required.

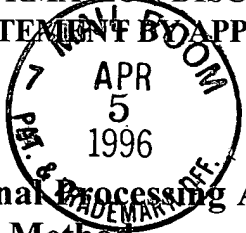
Respectfully submitted,



Thomas J. Scott, Jr. (Reg. No. 27,836)

Dated: April 2, 1996

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| PTO 1449 INFORMATION DISCLOSURE STATEMENT BY APPLICANT  Title: Signal Processing Apparatus and Method | Attorney Docket No. 5634.223 | Serial No. 08/460,817 |
| | Applicants John C. Harvey <i>and</i> James W. Cuddihy | |
| | Filing Date: June 2, 1995 | Group: 2602 |

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| INFORMATION DISCLOSURE STATEMENT BY APPLICANT Title: Signal Processing Apparatus and Method | Attorney Docket No. 5634.223 | Serial No. 08/460,817 |
| | Applicants John C. Harvey <i>and</i> James W. Cuddihy | |
| | Filing Date: June 2, 1995 | Group: 2602 |

| EXAMINER INITIAL | AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC. |
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PATENT
Docket No. 5634.223

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Inventors: John C. Harvey and James W.
Cuddihy

Serial No.: 08/460,817

Filing Date: June 2, 1995

Group Art Unit: 2602

Examiner:

For: Signal Processing Apparatus and
Methods

Assistant Commissioner of Patents
Washington D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56(a) and in conformance with the procedures of 37 C.F.R. §§ 1.97-98 and M.P.E.P. § 609, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached Form PTO-1449.

The above-referenced application claims priority under 35 U.S.C. § 120 of the following applications:

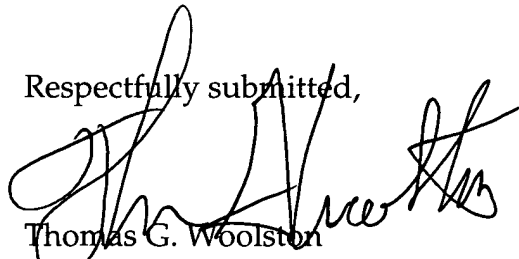
| <u>Serial No.</u> | <u>Filing Date</u> | <u>Patent No.</u> |
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| 08/056,501 | May 3, 1993 | 5,335,277 |
| 07/849,226 | March 10, 1992 | 5,233,654 |
| 07/588,126 | September 25, 1990 | 5,109,414 |
| 07/096,096 | September 11, 1987 | 4,965,825 |

Applicants believe that all references cited on the attached PTO 1449 form were cited or submitted to the PTO in one or more of the cases cited above or in U.S. Patent Application Serial No. 06/829,531 filed February 15, 1986, now U.S. Patent No. 4,704,725, U.S. Patent Application Serial No. 06/317,510 filed November 3, 198, now U.S. Patent No. 4,694,490 and co-pending U.S. Patent Application Serial No. 08/448,143 filed May 23, 1995. Therefore, no copies of the listed references are provided herewith. Additionally, references believed to be dated in the period from November 3, 1981 through September 11, 1987, are included in the present IDS as this application only claims priority to the September 11, 1987 filing date. It is respectfully requested that the information above be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.


CERTIFICATION AND/OR FEE

Since the IDS is being filed pursuant to 37 CFR § 1.97(b) before the later of three months after the filing date of the above-referenced application or the date of receipt of the first Office Action on the merits, no certification or fee is required.

Respectfully submitted,


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Attorney for Applicants

Dated: April 4, 1996
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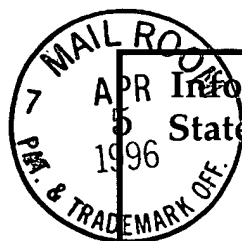
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| Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method | Attorney Docket No. 5634.223 | Serial No. 08/460,817 |
| | Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy | |
| | Filing Date June 2, 1995 | Group 2602 |

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